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<p>(21) International Application Number: PCT/IB98/01745</p> <p>(22) International Filing Date: 2 November 1998 (02.11.98)</p> <p>(30) Priority Data: 08/965,065 5 November 1997 (05.11.97) US</p> <p>(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).</p> <p>(72) Inventors: PEEFLY, Marjorie, Mossman; 8358 Ellenwood Drive, Cincinnati, OH 45249 (US). MERRITT, Joyce, Ross; 4028 Creek Road, Cincinnati, OH 45241 (US).</p> <p>(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).</p>		<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>
<p>(54) Title: PERSONAL CARE COMPOSITIONS SUITABLE FOR STYLING HAIR</p> <p>(57) Abstract</p> <p>Relatively low VOC hair styling compositions which provide good style retention without unacceptable stickiness or stiffness are disclosed. The compositions comprise from about 0.01 % to about 20 %, by weight of the composition, of a hair styling polymer; and a carrier comprising at least about 0.5 % to about 99.9 %, by weight of the composition, of a first solvent selected from the group consisting of water; water soluble organic solvents; organic solvents which are strongly to moderately strong in hydrogen bonding parameter; and mixtures thereof; wherein the first solvent is other than C1-C3 monohydric alcohol, C1-C3 ketone, and C1-C3 ether; and from about 0 % to about 55 %, by weight of the composition, of a second solvent selected from the group consisting of C1-C3 monohydric alcohols, C1-C3 ketones, C1-C3 ethers, and mixtures thereof; wherein the composition is characterized by having a Stiffness Value (SV) and a Curl Retention Index (CRI), wherein $SV \geq [(0.703 \times CRI) - 0.425]$.</p>		